```
=> d his full

      (FILE 'HOME' ENTERED AT 13:38:52 ON 10 APR 2006)

      FILE 'REGISTRY' ENTERED AT 13:39:28 ON 10 APR 2006
L1              STRUCTURE UPLOADED
                D QUERY
L2         50 SEA SSS SAM L1
L3              STRUCTURE UPLOADED
                D QUERY
L4         50 SEA SSS SAM L3
L5       3577 SEA SSS FUL L3

      FILE 'CAPLUS' ENTERED AT 13:42:10 ON 10 APR 2006
L6       1232 SEA ABB=ON   PLU=ON   L5
                D L6 1200-1232 ABS IBIB
                D L6 1200-1232 ABS IBIB HITSTR

      FILE 'REGISTRY' ENTERED AT 13:44:33 ON 10 APR 2006
L7              STRUCTURE UPLOADED
                D QUERY
L8         50 SEA SSS SAM L7
L9       1966 SEA SSS FUL L7

      FILE 'CAPLUS' ENTERED AT 13:45:26 ON 10 APR 2006
L10       335 SEA ABB=ON   PLU=ON   L9
                D L10 300-335 ABS IBIB HITSTR

      FILE 'REGISTRY' ENTERED AT 13:57:31 ON 10 APR 2006
L11             STRUCTURE UPLOADED
                D QUERY
L12         1 SEA SSS SAM L11
L13       219 SEA SSS FUL L11

      FILE 'CAPLUS' ENTERED AT 13:59:53 ON 10 APR 2006
L14        62 SEA ABB=ON   PLU=ON   L13
                D L14 50-62 ABS IBIB HITSTR

      FILE 'REGISTRY' ENTERED AT 14:08:04 ON 10 APR 2006
L15             STRUCTURE UPLOADED
                D QUERY
L16         0 SEA SSS SAM L15
L17             STRUCTURE UPLOADED
                D QUERY
L18         0 SEA SSS SAM L17
L19       145 SEA SSS FUL L17

      FILE 'CAPLUS' ENTERED AT 14:09:27 ON 10 APR 2006
L20        84 SEA ABB=ON   PLU=ON   L19
                D L20 50-84 ABS IBIB HITSTR

      FILE 'REGISTRY' ENTERED AT 14:18:10 ON 10 APR 2006
L21             STRUCTURE UPLOADED
L22             STRUCTURE UPLOADED
                D QUERY
L23         0 SEA SSS SAM L22
L24        65 SEA SSS FUL L22

      FILE 'CAPLUS' ENTERED AT 14:18:44 ON 10 APR 2006
L25        24 SEA ABB=ON   PLU=ON   L24
```

```
                    D L25 1-24 ABS IBIB HITSTR

        FILE 'REGISTRY' ENTERED AT 14:24:37 ON 10 APR 2006
L26              STRUCTURE UPLOADED
                 D QUERY
L27          7 SEA SSS SAM L26
L28       5782 SEA SSS FUL L26


        FILE 'CAPLUS' ENTERED AT 14:29:33 ON 10 APR 2006
L29       1051 SEA ABB=ON  PLU=ON  L28
                 D L29 1000-1051 ABS IBIB HITSTR


        FILE 'REGISTRY' ENTERED AT 14:34:11 ON 10 APR 2006
L30              STRUCTURE UPLOADED
                 D QUERY
L31          7 SEA SSS SAM L30
L32       5758 SEA SSS FUL L30


        FILE 'CAPLUS' ENTERED AT 14:35:28 ON 10 APR 2006
L33       1050 SEA ABB=ON  PLU=ON  L32


        FILE 'REGISTRY' ENTERED AT 14:36:09 ON 10 APR 2006
L34              STRUCTURE UPLOADED
                 D QUERY
L35          6 SEA SSS SAM L34
L36       4857 SEA SSS FUL L34


        FILE 'CAPLUS' ENTERED AT 14:36:44 ON 10 APR 2006
L37        864 SEA ABB=ON  PLU=ON  L36
                 D L37 800-864 ABS IBIB HITSTR



        FILE HOME

        FILE REGISTRY
        Property values tagged with IC are from the ZIC/VINITI data file
        provided by InfoChem.

        STRUCTURE FILE UPDATES:    9 APR 2006   HIGHEST RN 879846-78-3
        DICTIONARY FILE UPDATES:   9 APR 2006   HIGHEST RN 879846-78-3

        New CAS Information Use Policies, enter HELP USAGETERMS for details.

        TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

           Please note that search-term pricing does apply when
           conducting SmartSELECT searches.

        ******************************************************************
        *                                                                *
        * The CA roles and document type information have been removed from *
        * the IDE default display format and the ED field has been added,  *
        * effective March 20, 2005.  A new display format, IDERL, is now   *
        * available and contains the CA role and document type information. *
        *                                                                *
        ******************************************************************


        Structure search iteration limits have been increased.  See HELP SLIMITS
        for details.

        REGISTRY includes numerically searchable data for experimental and
```

predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

FILE CAPLUS

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FILE COVERS 1907 - 10 Apr 2006   VOL 144 ISS 16
FILE LAST UPDATED: 9 Apr 2006   (20060409/ED)

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http://www.cas.org/infopolicy.html

```
=>  d l1
L1 HAS NO ANSWERS
L1                   STR
```



```
G1 H,F
```

Structure attributes must be viewed using STN Express query preparation.
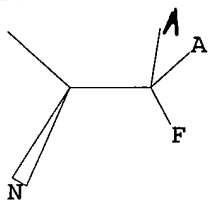
```
=> d l3
L3 HAS NO ANSWERS
L3                   STR
```
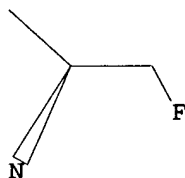


```
G1 H,F
```

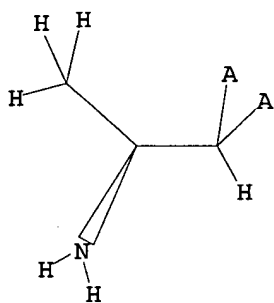Structure attributes must be viewed using STN Express query preparation.

```
=> d l7
L7 HAS NO ANSWERS
L7                   STR
```



```
G1 H,F
```

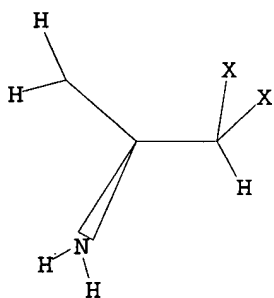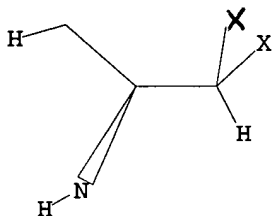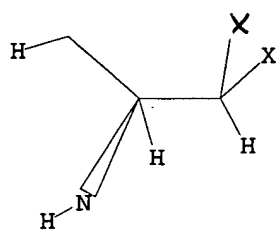Structure attributes must be viewed using STN Express query preparation.

```
=> d l11
L11 HAS NO ANSWERS
L11                  STR
```

H H

H

A
A

H

H—N
H

G1 H,F

Structure attributes must be viewed using STN Express query preparation.

=> d l15
L15 HAS NO ANSWERS
L15   STR

H

H

X
X

H

H·N
H

G1 H,F

Structure attributes must be viewed using STN Express query preparation.

=> d l17
L17 HAS NO ANSWERS
L17   STR

H

X
X

H

H—N

G1 H,F

Structure attributes must be viewed using STN Express query preparation.

=> d l21
L21 HAS NO ANSWERS
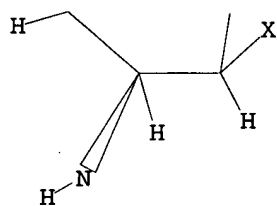L21   STR

G1 H,F

Structure attributes must be viewed using STN Express query preparation.
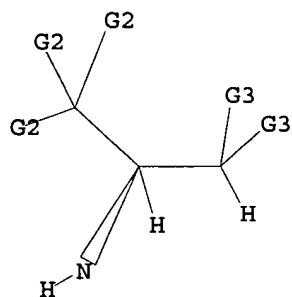

=> d 122
L22 HAS NO ANSWERS
L22   STR

G1 H,F

Structure attributes must be viewed using STN Express query preparation.

=> d 126
L26 HAS NO ANSWERS
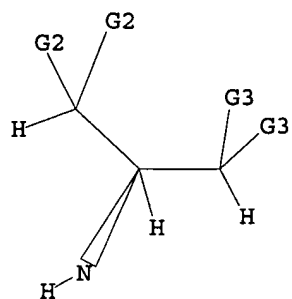L26   STR

G1 H,F

G2 C,H

G3 C,X

G4 X,C

Structure attributes must be viewed using STN Express query preparation.

=> d 130
L30 HAS NO ANSWERS

G1 H,F

G2 C,H

G3 C,X
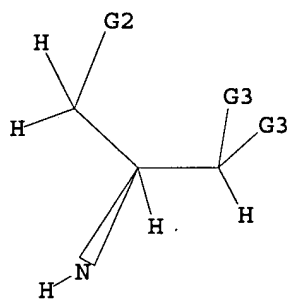
G4 X,C

Structure attributes must be viewed using STN Express query preparation.

=> d 134
L34 HAS NO ANSWERS
L34   STR

G1 H,F

G2 C,H

G3 C,X

G4 X,C

Structure attributes must be viewed using STN Express query preparation.

```
=>  d his full

        (FILE 'HOME' ENTERED AT 16:07:22 ON 10 APR 2006)

        FILE 'REGISTRY' ENTERED AT 16:07:32 ON 10 APR 2006
L1              STRUCTURE UPLOADED
                D QUERY
L2            0 SEA SSS SAM L1
L3            0 SEA EXA SAM L1
L4            0 SEA EXA FUL L1
L5              STRUCTURE UPLOADED
                D QUERY
L6            0 SEA SSS SAM L5
L7            5 SEA SSS FUL L5

        FILE 'CAPLUS' ENTERED AT 16:08:59 ON 10 APR 2006
L8            3 SEA ABB=ON  PLU=ON  L7
                D L8 1-3 ABS IBIB HITSTR

        FILE 'REGISTRY' ENTERED AT 16:10:05 ON 10 APR 2006
L9              STRUCTURE UPLOADED
                D QUERY
L10           0 SEA SSS SAM L9
L11           5 SEA SSS FUL L9

        FILE 'CAPLUS' ENTERED AT 16:10:26 ON 10 APR 2006
L12          22 SEA ABB=ON  PLU=ON  L11
                D L12 1-22 ABS IBIB HITSTRT
                D L12 1-22 ABS IBIB HITSTR

        FILE 'REGISTRY' ENTERED AT 16:11:58 ON 10 APR 2006
L13             STRUCTURE UPLOADED
                D QUERY
L14           0 SEA SSS SAM L13
L15           8 SEA SSS FUL L13

        FILE 'CAPLUS' ENTERED AT 16:13:12 ON 10 APR 2006
L16           6 SEA ABB=ON  PLU=ON  L15
                D L16 1-6 ABS IBIB HITSTR

        FILE 'REGISTRY' ENTERED AT 16:14:30 ON 10 APR 2006
L17             STRUCTURE UPLOADED
                D QUERY
L18           0 SEA SSS SAM L17
L19           9 SEA SSS FUL L17

        FILE 'CAPLUS' ENTERED AT 16:14:59 ON 10 APR 2006
L20           7 SEA ABB=ON  PLU=ON  L19
                D L20 1-7 ABS IBIB HITSTR

        FILE 'REGISTRY' ENTERED AT 16:16:58 ON 10 APR 2006
L21             STRUCTURE UPLOADED
                D QUERYU
                D QUERY
L22           0 SEA SSS SAM L21
L23           5 SEA SSS FUL L21

        FILE 'CAPLUS' ENTERED AT 16:17:29 ON 10 APR 2006
L24           4 SEA ABB=ON  PLU=ON  L23
                D L24 1-4 ABS IBIB HITSTR
```

FILE HOME

FILE REGISTRY
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STRUCTURE FILE UPDATES: 9 APR 2006   HIGHEST RN 879846-78-3
DICTIONARY FILE UPDATES: 9 APR 2006   HIGHEST RN 879846-78-3

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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   conducting SmartSELECT searches.

   ****
   *   *
   * The CA roles and document type information have been removed from *
   * the IDE default display format and the ED field has been added,   *
   * effective March 20, 2005. A new display format, IDERL, is now   *
   * available and contains the CA role and document type information. *
   *   *
   ****

Structure search iteration limits have been increased.   See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
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FILE CAPLUS

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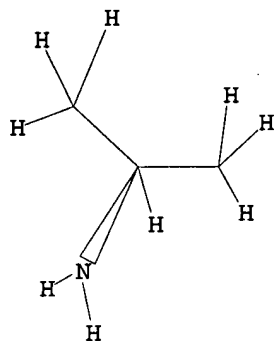strictly prohibited.

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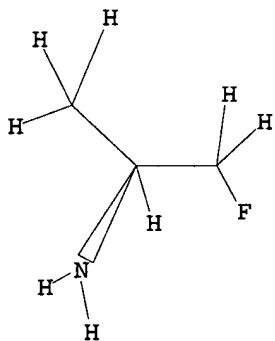They are available for your review at:

http://www.cas.org/infopolicy.html

=> d l1
L1 HAS NO ANSWERS
L1   STR

G1 H,F

G2 C,H

G3 C,X

G4 X,C.

Structure attributes must be viewed using STN Express query preparation.
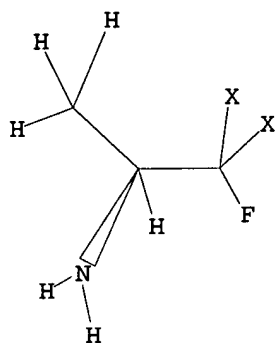

=> d l5
L5 HAS NO ANSWERS
L5   STR

G1 H,F

G2 C,H

G3 C,X

G4 X,C

Structure attributes must be viewed using STN Express query preparation.

=> d l9
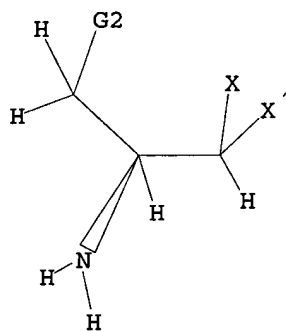L9 HAS NO ANSWERS
L9   STR

G1 H,F

G2 C,H

G3 C,X

G4 X,C

Structure attributes must be viewed using STN Express query preparation.

=> d l13
L13 HAS NO ANSWERS
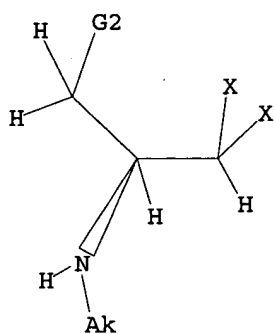L13   STR

G1 H,F

G2 C,H

G3 C,X

G4 X,C

Structure attributes must be viewed using STN Express query preparation.
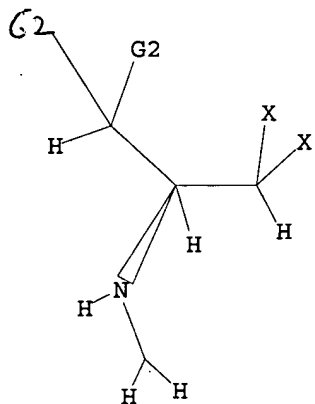

=> d l17
L17 HAS NO ANSWERS
L17   STR

G1 H,F
G2 C,H
G3 C,X
G4 X,C

Structure attributes must be viewed using STN Express query preparation.


```
=> d l21
L21 HAS NO ANSWERS
L21                   STR
```


G1 H,F
G2 C,H
G3 C,X
G4 X,C

Structure attributes must be viewed using STN Express query preparation.